

MASONS/REDWAY E2 FLASHINGS AND JOINTERS

PURPOSE

The Masons/Redway E2 Flashings and Jointers are a range of uPVC flashings and jointers designed for use in a variety of wall construction in accordance with E2/AS1 for both direct fixed and cavity cladding systems.

EXPLANATION

Masons/Redway E2 Flashings and Jointers are manufactured from extruded, stabilised uPVC. The flashings are designed to accommodate most cladding systems.

The available flashings are:

- Vented Cavity Closer 19 mm, 21 mm, 40 mm, 45 mm
- Vented Weatherboard Cavity Closer 30 mm, 33 mm, 35 mm
- Top Vent Cavity Closer 20 mm
- Flat Sheet Jointer 45 mm, 60 mm
- Flexible Cavity Closer 20 mm
- Flat Sheet Internal Corner 45 mm, 60 mm
- Weatherboard Cavity Cant Strip
- Flat Sheet External Corner 45 mm, 60 mm
- Flat Sheet End Cap 45 mm, 60 mm.

The flashings are available in lengths of 2.7 m.



For further assistance please contact:

- ☎ 0800 522 533
- ✉ info@mpb.co.nz
- 🌐 mpb.co.nz

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Location In wind zones up to and including extra high as defined in NZS 3604:2011 or to a maximum wind design pressure of 2.1 kPa. In all exposure zones as defined in NZS 3604:2011.	➤ The window structural frame, flexible underlay/rigid air barrier and cladding must be suitable for the wind zone. ➤ For adverse microclimatic conditions (as outlined in paragraph 4.2.4 of NZS 3604:2011), contact Masons for technical advice. ➤ Fixings must be in accordance with Table 20 and Table 21 of E2/AS1 and the appropriate exposure zones as defined in NZS3604:2011.
Building In conjunction with a primary structure that complies with the NZ Building Code or existing buildings where the designer and/or installer have satisfied themselves that the existing building is suitable for the intended building work.	
In conjunction with timber or lightweight steel framing.	➤ Must have 20 mm drained and vented cavity with minimum ventilation openings of 1000 mm ² /m at the foot. ➤ Must have flexible building wrap or a rigid air barrier in accordance with Clause E2 External Moisture.
As a flashing system for E2/AS1 direct fixed or cavity cladding systems.	➤ The building and selected cladding system must be within the scope of E2/AS1. ➤ The system must be installed in conjunction with a flexible building wrap or rigid air barrier that meets the requirements of Table 23 of E2/AS1. ➤ Flat sheet jointers, corners and end caps exposed to direct weathering must be coated with an appropriate surface resistant paint system.
With aluminum joinery that complies with all relevant provisions of the NZ Building Code.	

USEFUL INFORMATION

For design, installation and maintenance information, refer to mpb.co.nz.



PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all Masons NZ Ltd requirements, Masons/Redway E2 Flashings and Jointers will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	Compliance statement	BASIS OF COMPLIANCE Demonstrated by
B2 DURABILITY B2.3.1(b), B2.3.2	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> ➤ Manufactured from UV stabilised uPVC. ➤ The profiles provide a comparable level of performance with the flashing profiles specified in E2/AS1 as the flashings are back flashings for installation within the cavity and are not subject to impact or ultraviolet light or are coated with a paint system. uPVC is referenced in Table 20 of E2/AS1 as suitable in exposure zones up to E where the use is classified as hidden, exposed or sheltered for the required durability period (up to 50 years where hidden). Use as back flashings with the wall cavity corresponds to general temperature limits for PVC of -18 C to 66 C for material integrity [Plastics Pipe Institute, 2021]. ➤ Demonstrated 20 year in-service performance.
E2 EXTERNAL MOISTURE E2.3.2, E2.3.5, E2.3.7	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> ➤ Installation in accordance with E2/AS1. ➤ Manufactured from UV stabilised uPVC. ➤ The profiles provide a comparable level of performance with the flashing profiles specified in E2/AS1 [Masons, n.d.a-j].
F2 HAZARDOUS BUILDING MATERIALS F2.3.1	ALTERNATIVE SOLUTION	<ul style="list-style-type: none"> ➤ Supplied material is inert. ➤ Use in accordance with supplier's safety instructions.

SOURCES OF INFORMATION

- Plastics Pipe Institute. [2021] *Suggested Temperature Limits for the Operation and Installation of Plastic Piping in Non-Pressure Applications*. TN-11.
- Masons. [n.d.a] *Cavity Closers*.
- Masons. [n.d.b] *Flat Cladding Cavity Closers*.
- Masons. [n.d.c] *Top Vent Cavity Closers*.
- Masons. [n.d.d] *Cavity Closers. 19 and 20mm Vented Cavity Closer*.
- Masons. [n.d.e] *Cavity Closers. CC 40 mm Vented Closer*.
- Masons. [n.d.f] *Weatherboard Closers & Starters*.
- Masons. [n.d.g] *Weatherboard Top Vent Cavity Closer/Cant Stop/Weatherboard Starter*.
- Masons. [n.d.h] *Cavity Closers. CC 30 or 35mm Vented Weatherboard Closer at Soffit*.
- Masons. [n.d.i] *Cavity Closers. CC 30 Vented Weatherboard Closer*.
- Masons. [n.d.j] *Cavity Closers. CC 35mm Vented Weatherboard Closer*.

1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable. 2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards. 3. The product is not subject to a warning or ban under section 26 of the Building Act. 4. For overseas manufacturer details, where applicable, refer to the company that is the holder of this pass™. 5. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™. 6. The availability of the information about the supplied products required to be disclosed under s14G(3) is the responsibility of the company that is the holder of this pass™.

SCAN OR CLICK THIS QR CODE TO ACCESS
OR REQUEST THE RELEVANT SUPPORTING
DOCUMENTATION FOR THIS PASS™.
mpb.co.nz/products/building-products#e2-flashing-solutions



Mason NZ Ltd confirms that if Masons/Redway E2 Flashings and Jointers are used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14G(2) of the Building Act.

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KEVIN BRUNTON

Kevin Brunton, Technical Director, TBB confirms that the process used to prepare this pass™ on behalf of Mason NZ Ltd has been undertaken in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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